

BookletChart™

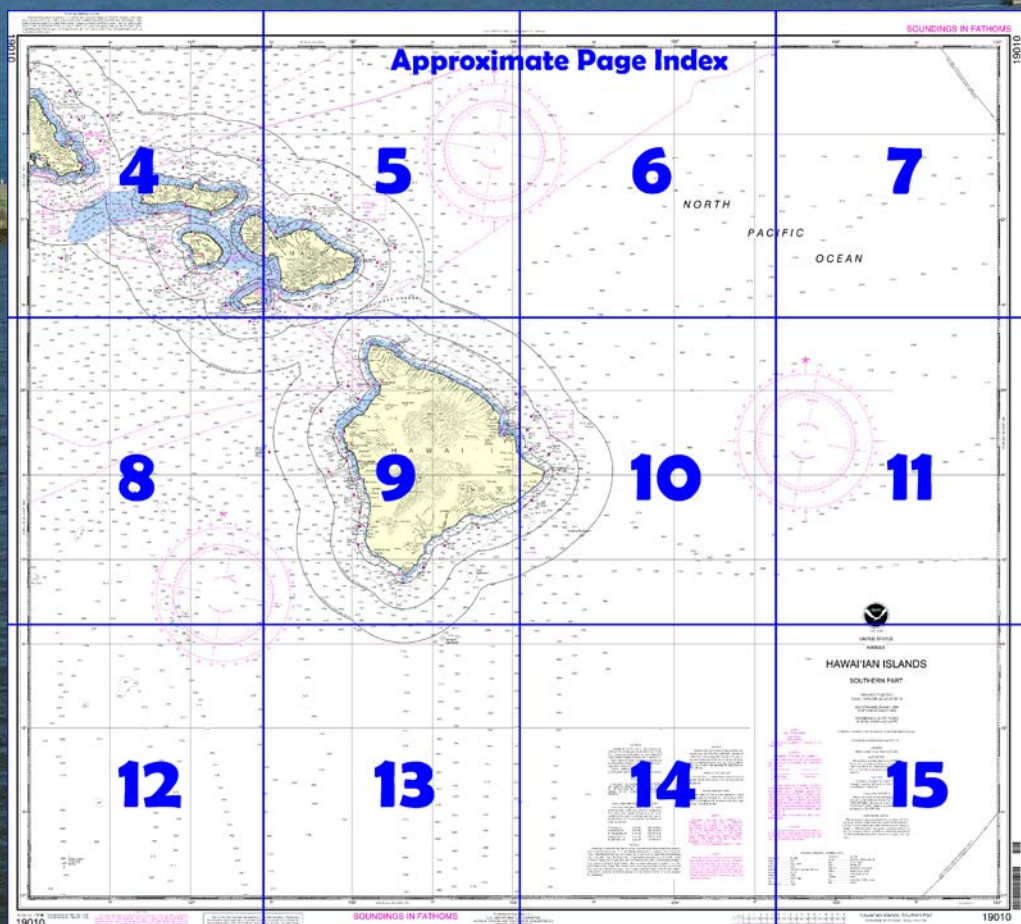
Hawai'ian Islands – Southern Part NOAA Chart 19010



A reduced-scale NOAA nautical chart for small boaters
When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



**Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA**

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at http://www.nauticalcharts.noaa.gov/nsd/coastpilot_w.php?book=7.



(Selected Excerpts from Coast Pilot)

The **Hawaiian Islands**, an archipelago, consist of eight large islands, plus many islets, reefs, and shoals, strung out from SE to NW for 1,400 nautical miles in the north-central Pacific Ocean. The archipelago extends from 18°55'N. to 28°25'N., and from 154°49'W. to 178°20'W., straddling the Tropic of Cancer. All the islands of the archipelago, except 2-square-mile Midway, are part of the State of Hawaii.

Anchorage.—Anchorages are numerous except on the N and E sides of the islands where shelter from the trade winds is a major requirement. The anchorages on the S and W sides of the islands are unsafe during kona weather.

Regulated Navigation Area.—A security zone has been established for all waters within 1,000 yards of any U.S. Navy submarine that is operating in the Sector Honolulu Captain of the Port Zone and that is being escorted by the U.S. Coast Guard. (See **165.1 through 165.13 and 165.1412**, chapter 2, for limits and regulations.)

Pilotage, Hawaii, General.—Pilotage is compulsory for all foreign vessels and for U.S. vessels under register in the foreign trade; it is optional for U.S. vessels in the coastwise trade. Hawaii Pilots provide pilotage service to several ports in the islands, namely, Honolulu Harbor, Hilo Harbor, Kahului Harbor, Port Allen Harbor, Nawiliwili Harbor, and Kawaihae Harbor.

Hawaii, at the SE end of the archipelago, is the “Big Island”; its area of 4,021 square statute miles is twice that of all the other islands in Hawaii State combined. The island is roughly triangular in shape, 82 nautical miles N to S and 72 miles E to W.

Anchorage.—There is little shelter from the NE trades along the NE and SE sides of the island. Good anchorage is available along much of the W coast, but there are some areas so steep-to that anchorage is not practicable.

Maui, 26 miles NW of Hawaii, has an area of 728 square statute miles and is second in size of the eight large islands. The island is 42 miles long in a NW-SE direction and 23 miles in greatest width. A low, flat isthmus joins the two distinct mountain masses that make up the island. Koolau Gap on the N side, and Kaupo Gap on the SE side, are two large openings in the side of the crater. Puu Kukui, 5,788 feet high, is near the center of the W and smaller part of the island, which is cut up by rugged peaks and deep valleys and gulches.

Anchorage.—Anchorages are numerous on the SW side of Maui; the first requirement under ordinary conditions is shelter from the trade winds.

Lanai, 8 miles W across Auau Channel from Maui and the same distance S across Kalohi Channel from Moloka'i, has an area of 141 square statute miles and ranks sixth in size of the eight major islands. Lanai is about 15 miles long in a NW direction and about 10 miles wide near its S end, gradually narrowing toward its NW end. The highest point on Lanai is **Lanaihale**, 3,370 feet high. **Lanai City**, the only large community, is in the center of the island.

Moloka'i, 7.5 miles NW across Pailolo Channel from Maui and 8 miles N across Kalohi Channel from Lanai, has an area of 259 square statute miles and ranks fifth in size of the eight major islands. Moloka'i is about 34 miles long in a W direction and about 7 miles wide. The entire W end of the island is a bare table land cut by small gulches and rising gradually to **Mauna Loa**, 1,400 feet high. From seaward this part of the island presents a smooth and rolling appearance.

Oahu, 22 miles WNW across Kaiwi Channel from Moloka'i, has an area of 604 square statute miles and is third largest of the eight major islands. O'ahu measures 39 nautical miles SE-NW between Makapu'u and Ka'ena Points and 26 miles S-N between Kalaeloa and Kahuku Point. The island has two prominent mountain ranges, and its skyline is rough and jagged.

Harbors and ports.—The largest harbors on O'ahu are Kane'ohe Bay and Pearl Harbor; the latter is a prohibited area. Small-craft harbors include Maunalua Bay, Honolulu's Ala Wai Boat Harbor and Kewalo Basin, Waianae Harbor, and Haleiwa Small-Boat Harbor in Waialua Bay. The NE coast is exposed to the trade winds during most of the year, and the only small-craft shelter available is in Kane'ohe Bay.

**U.S. Coast Guard Rescue Coordination Center
24 hour Regional Contact for Emergencies**

RCC Honolulu	Commander	
	14th CG District	(808) 535-3333
	Honolulu, HI	

Table of Selected Chart Notes

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area

Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the U. S. Coast Guard, Geological Survey, National Geospatial-Intelligence Agency, and U.S. Navy.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

Joins page 8

Joins page 9

This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:900000. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

Joins page 11

Joins page 4

Joins page 12



Note: Chart grid
lines are aligned
with true north.

Joins page 6


Joins page 9


Joins page 14

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HORIZONTAL DATUM

The horizontal reference datum of this chart is World



EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

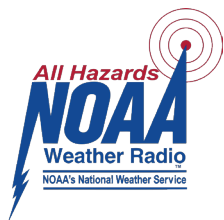
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!

Quick References

Nautical chart related products and information	—	http://www.nauticalcharts.noaa.gov
Online chart viewer	—	http://www.nauticalcharts.noaa.gov/mcd/NOAAChartViewer.html
Report a chart discrepancy	—	http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx
Chart and chart related inquiries and comments	—	http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
Chart updates (LNM and NM corrections)	—	http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online	—	http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm
Tides and Currents	—	http://tidesandcurrents.noaa.gov
Marine Forecasts	—	http://www.nws.noaa.gov/om/marine/home.htm
National Data Buoy Center	—	http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions	—	http://www.nowcoast.noaa.gov/
National Weather Service	—	http://www.weather.gov/
National Hurricane Center	—	http://www.nhc.noaa.gov/
Pacific Tsunami Warning Center	—	http://ptwc.weather.gov/
Contact Us	—	http://www.nauticalcharts.noaa.gov/staff/contact.htm



— For the latest news from Coast Survey, follow @nauticalcharts



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

NOAA's Office of Coast Survey



The Nation's Chartmaker